

042004  
16698Please type a plus sign (+) inside this box → Based on PTO/SB/05  
OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		<b>Attorney Docket No.</b> 01-616
		<b>First Inventor or Application Identifier</b> HISANAGA et al.
<b>Title</b> FLUID MACHINE		
		<b>Express Mail Label No.</b>
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))		

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Commissioner for Patents Mail Stop Patent Application Alexandria, VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 36]</p> <ul style="list-style-type: none"> <li>-Descriptive title of the Invention</li> <li>-Cross Reference to Related Applications</li> <li>-Background of the Invention</li> <li>-Summary of the Invention</li> <li>-Brief Description of the Drawings</li> <li>-Detailed Description of the Preferred Embodiment</li> <li>-Claims</li> <li>-Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10]</p> <p>4. Oath or Declaration [Total Sheets 3]</p> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63 (d)) (for continuation/divisional with Box 16 completed)           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul>			
<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)) <u>Assignee: DENSO CORPORATION</u></p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized)</p> <p>13. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, (PTO/SB-09-12) Status still proper and desired</p> <p>14. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>15. <input type="checkbox"/> Other: .....</p>			
<p><b>NOTE FOR ITEMS 1 &amp; 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)</b></p>			

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		23400		or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)	
Name					
Address					
City	State	Zip Code			
Country	Telephone	(703) 707-9110	Fax	(703) 707-9112	

Name (Print/type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701
Signature			
	Date	April 20, 2004	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

22387 USPTO  
10/827246

042004

<b>FEE TRANSMITTAL</b> <b>for FY 2004</b>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	April 20, 2004
		First Named Inventor	HISANAGA et al.
		Examiner Name	
		Art Unit	
<input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27		Attorney Docket No.	01-616
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ 1358)			

<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																				
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account Deposit Account Number <b>50-1147</b> Deposit Account Name <b>POSZ &amp; BETHARDS, PLC</b>		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties) (37 CFR § 1.129(a))</td> <td><b>40</b></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge – late filing fee or oath		1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive – unavoidable		1453	1,330	2453	665	Petition to revive – unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties) (37 CFR § 1.129(a))	<b>40</b>	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(b))		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity		Small Entity																																																																																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																	
1051	130	2051	65	Surcharge – late filing fee or oath																																																																																																																																																																																		
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet																																																																																																																																																																																		
1053	130	1053	130	Non-English specification																																																																																																																																																																																		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																		
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																		
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																		
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																		
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																		
1255	2,010	2255	1005	Extension for reply within fifth month																																																																																																																																																																																		
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																		
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																		
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																		
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																		
1452	110	2452	55	Petition to revive – unavoidable																																																																																																																																																																																		
1453	1,330	2453	665	Petition to revive – unintentional																																																																																																																																																																																		
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																		
1502	480	2502	240	Design issue fee																																																																																																																																																																																		
1503	640	2503	320	Plant issue fee																																																																																																																																																																																		
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																		
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																		
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																		
8021	40	8021	40	Recording each patent assignment per property (times number of properties) (37 CFR § 1.129(a))	<b>40</b>																																																																																																																																																																																	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(b))																																																																																																																																																																																		
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																		
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																		
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																		
<b>FEE CALCULATION</b>																																																																																																																																																																																						
<b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> </tr> <tr> <td colspan="2"><b>SUBTOTAL (1) (\$ 770)</b></td> <td colspan="2"></td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	1002	340	2002	170	1003	530	2003	265	1004	770	2004	385	1005	160	2005	80	<b>SUBTOTAL (1) (\$ 770)</b>																																																																																																																																																						
Large Entity		Small Entity																																																																																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																			
1001	770	2001	385																																																																																																																																																																																			
1002	340	2002	170																																																																																																																																																																																			
1003	530	2003	265																																																																																																																																																																																			
1004	770	2004	385																																																																																																																																																																																			
1005	160	2005	80																																																																																																																																																																																			
<b>SUBTOTAL (1) (\$ 770)</b>																																																																																																																																																																																						
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>14</td> <td>-20**= 0</td> <td>x 18</td> <td>= <b>18</b></td> </tr> <tr> <td>Independent Claims</td> <td>6</td> <td>- 3**= 3</td> <td>x 86 = <b>258</b></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>290</td> <td>= <b>290</b></td> </tr> <tr> <td colspan="2"><b>SUBTOTAL (2) (\$ 548)</b></td> <td colspan="2"></td> </tr> </tbody> </table>				Total Claims	Extra Claims	Fee from below	Fee Paid	14	-20**= 0	x 18	= <b>18</b>	Independent Claims	6	- 3**= 3	x 86 = <b>258</b>	Multiple Dependent		290	= <b>290</b>	<b>SUBTOTAL (2) (\$ 548)</b>																																																																																																																																																																		
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																			
14	-20**= 0	x 18	= <b>18</b>																																																																																																																																																																																			
Independent Claims	6	- 3**= 3	x 86 = <b>258</b>																																																																																																																																																																																			
Multiple Dependent		290	= <b>290</b>																																																																																																																																																																																			
<b>SUBTOTAL (2) (\$ 548)</b>																																																																																																																																																																																						
** or number previously paid, if greater; For Reissues, see above Other fee (specify) _____ *Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3) (\$ 40)</b>																																																																																																																																																																																						

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	<b>DAVID G. POSZ</b>	Registration No. (Attorney/Agent)	37,701
Signature		Telephone	(703) 707-9110
Date	April 20, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.